

Appendix B

Error Acknowledgment Format for Detected Viruses and Decompression Failures

ERROR ACKNOWLEDGMENT FORMAT FOR DETECTED VIRUSES

EMS checks all incoming files for viruses. If a virus is detected, EMS returns an error acknowledgment to the TP in XML format. If EMS detects a virus, the TP is placed in suspended status. Should this occur, the TP must contact the Home SPC EMS Help Desk to request removal of the suspended status.

Below is the format for the error acknowledgment that is returned to the TP when a virus is detected in the transmission. All TPs receive the XML format acknowledgment, even if the transmission was sent using a different IRS approved format. Note that the second line of the file, the Content-Description contains a plain English description of the problem; therefore, an understanding of XML is not required to interpret the message. The shaded areas contain the GTX key, a timestamp, and the virus name. These values vary for each returned acknowledgment. The remainder of the message is constant.

MIME-Version: 1.0

Content-Description: Notification that transmission file T200303211345.0100 was rejected because it contained a virus

Content-Type: text/xml; charset=UTF-8

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<TransmissionAcknowledgement>
```

```
  <AcknowledgementTimestamp>2003-12-13T12:05:22-05:00</AcknowledgementTimestamp>
```

```
  <TransmissionStatus>R</TransmissionStatus>
```

```
  <Errors errorCount="1">
```

```
    <Error errorId="1">
```

```
      <ErrorCategory>Unsupported</ErrorCategory>
```

```
      <ErrorMessage><!CDATA[A VIRUS (virus name) WAS DETECTED IN  
THIS FILE]]></ErrorMessage>
```

```
      <RuleNumber>T0000-009</RuleNumber>
```

```
      <Severity>Reject and Stop</Severity>
```

```
    </Error>
```

```
  </Errors>
```

```
  <GTXKey>T200303211345.0100</GTXKey>
```

```
</TransmissionAcknowledgement>
```

ERROR ACKNOWLEDGMENT FORMAT FOR DECOMPRESSION FAILURES

If the TP has established a profile that uses one of the supported compression methods, then EMS will decompress the file before processing it. If there is a problem and the file fails to decompress, then the TP will receive the error acknowledgment shown below. All TPs receive the XML format acknowledgment, even if the transmission was sent using a different IRS approved format. Note that the second line of the file, the Content-Description contains a plain English description of the problem; therefore, an understanding of XML is not required to interpret the message. The shaded areas contain the GTX key and a timestamp. These values vary for each returned acknowledgment. The remainder of the message is constant.

```
MIME-Version: 1.0
Content-Description: Notification that transmission file T200303211345.0100
was rejected because it failed to decompress
Content-Type: text/xml; charset=UTF-8

<?xml version="1.0" encoding="UTF-8"?>
<TransmissionAcknowledgement>
  <AcknowledgementTimestamp>2003-12-13T12:05:22-05:00</AcknowledgementTimestamp>
  <TransmissionStatus>R</TransmissionStatus>
  <Errors errorCount="1">
    <Error errorId="1">
      <ErrorCategory>Unsupported</ErrorCategory>
      <ErrorMessage>EMS received your file, but could not process
it. Please check your file and re-transmit.</ErrorMessage>
      <RuleNumber>T0000-010</RuleNumber>
      <Severity>Reject and Stop</Severity>
    </Error>
  </Errors>
  <GTXKey>T200303211345.0100</GTXKey>
</TransmissionAcknowledgement>
```